

	A	B	C	D	E	F	G
1			EMBEDDED COST OF SERVICE INFORMATION: TAB R				
2	1.0029	Annual		Total			
3		Billing	Embedded	Embedded	EPEC		
4	Residential	Units	Costs	Costs	Revenue		
5	Delivery	-----	-----	-----	-----		
6	Class	(A)	(B)	(C)	(D)		
7				=(B) by Class	=(C) x NRR/EC		
8	SFNH						
9	Customer	26,851,200	\$219,371,305				
10	Meter	26,851,200	\$78,184,737				
11	Dist	20,903,861,865	\$531,910,915				
12	IEDT	20,903,861,865	\$25,367,076				
13	Total			\$854,834,033	\$854,834,035		
14							
15	MFNH						
16	Customer	12,436,275	\$79,752,577				
17	Meter	12,436,275	\$37,058,352				
18	Dist	4,459,035,047	\$112,682,765				
19	IEDT	4,459,035,047	\$5,411,092				
20	Total			\$234,904,786	\$234,904,786		
21							
22	SFH						
23	Customer	420,850	\$3,662,770				
24	Meter	420,850	\$1,191,150				
25	Dist	759,158,380	\$10,535,938				
26	IEDT	759,158,380	\$921,233				
27	Total			\$16,311,091	\$16,311,091		
28							
29	MFH						
30	Customer	1,895,312	\$12,281,914				
31	Meter	1,895,312	\$5,478,919				
32	Dist	1,600,747,064	\$19,580,260				
33	IEDT	1,600,747,064	\$1,942,499				
34	Total			\$39,283,592	\$39,283,592		
35							
36	Total Residential			\$1,145,333,502	\$1,145,333,504		
37	Bills	41,603,637					
38	kWh	27,722,802,356					
39	Customer Costs		\$315,068,566				
40	Meter Costs		\$121,913,158				
41	Distribution Costs		\$674,709,878				
42	IEDT Costs		\$33,641,900				
43							

	A	B	C	D	E	F	G
44		DELIVERY SERVICE CHARGES COMPUTATION: TAB R					
45			Unit		Total	As a % of	Overall
46	<b>Residential</b>	Adj	Charges	Revenue	Revenue	EPEC	\$/kWh
47	Delivery	-----	-----	-----	-----	-----	-----
48	Class	(E)	(F)	(G)	(H)	(J)	(K)
49				=(A)x(F)	=(G) by Class	=(H)/(D)	=(H)/(A kWh)
50	<b>SFNH</b>						
51	CC	\$0.01	\$12.51	\$335,908,516			
52	SMSC		\$2.93	\$78,674,017			
53	DFC (kWh)	\$0.00001	\$0.01985	\$414,941,658			
54	IEDT (kWh)		\$0.00121	\$25,293,673			
55	Total				\$854,817,864	100.0%	\$0.0409
56							
57	<b>MFNH</b>						
58	CC		\$6.30	\$78,348,532			
59	SMSC		\$2.93	\$36,438,285			
60	DFC (kWh)		\$0.02573	\$114,730,972			
61	IEDT (kWh)		\$0.00121	\$5,395,432			
62	Total				\$234,913,221	100.0%	\$0.0527
63							
64	<b>SFH</b>						
65	CC	\$0.01	\$15.36	\$6,464,255			
66	SMSC		\$2.93	\$1,233,090			
67	DFC (kWh)		\$0.01014	\$7,697,866			
68	IEDT (kWh)		\$0.00121	\$918,582			
69	Total				\$16,313,793	100.0%	\$0.0215
70							
71	<b>MFH</b>						
72	CC	\$0.01	\$6.93	\$13,134,509			
73	SMSC		\$2.93	\$5,553,263			
74	DFC (kWh)		\$0.01166	\$18,664,711			
75	IEDT (kWh)		\$0.00121	\$1,936,904			
76	Total				\$39,289,387	100.0%	\$0.0245
77							
78	Total Residential				\$1,145,334,265	100.0%	\$0.0413

	A	B	C	D	E	F	G
1			EMBEDDED COST OF SERVICE INFORMATION: TAB N1				
2	1.0039	Annual		Total			
3		Billing	Embedded	Embedded	EPEC		
4	Nonresidential	Units	Costs	Costs	Revenue		
5	Delivery	-----	-----	-----	-----		
6	Class	(A)	(B)	(C)	(D)		
7				=(B) by Class	=(C) x NRR/EC		
8	WH						
9	Customer	1,142,438	\$11,036,818				
10	Meter	1,142,438	\$2,842,410				
11	Dist	494,124,658	\$8,938,990				
12	IEDT	494,124,658	\$592,028				
13	Total			\$23,410,246	\$23,410,246		
14							
15	SL						
16	Customer	2,951,941	\$30,675,559				
17	Meter	2,951,941	\$25,959,729				
18	SV Dist	39,199,197	\$186,064,648				
19	PV Dist	38,038	\$79,785				
20	PV Tr	14,834	\$13,354				
21	IEDT	11,505,819,541	\$13,785,472				
22	Total			\$256,578,547	\$256,578,548		
23							
24	ML						
25	Customer	209,179	\$2,769,799				
26	Meter	209,179	\$3,980,264				
27	SV Dist	28,203,848	\$135,489,143				
28	PV Dist	426,063	\$1,156,792				
29	PV Tr	311,185	\$43,189				
30	IEDT	10,495,078,645	\$12,574,424				
31	Total			\$156,013,611	\$156,013,611		
32							
33	LL						
34	Customer	50,678	\$3,261,307				
35	Meter	50,678	\$1,026,953				
36	SV Dist	22,107,936	\$112,323,057				
37	PV Dist	791,335	\$2,768,806				
38	PV Tr	477,800	\$88,876				
39	IEDT	9,678,781,752	\$11,596,384				
40	Total			\$131,065,383	\$131,065,383		
41							
42	VLL						
43	Customer	22,586	\$13,403,812				
44	Meter	22,586	\$459,178				
45	SV Dist	30,435,243	\$155,493,828				
46	PV Dist	9,211,958	\$35,701,125				
47	PV Tr	5,823,600	\$1,146,604				
48	IEDT	18,281,760,831	\$21,862,495				
49	Total			\$228,067,042	\$228,067,042		

ICC Dkt. No. 12-0321  
ALJ 1\_Attach A  
Rate Design  
Tab: N1

	A	B	C	D	E	F	G
50							
51		DELIVERY SERVICE CHARGES COMPUTATION: TAB N1					
52			Unit	Total	As a % of	Overall	
53	<b>Nonresidential</b>	Adj	Charges	Revenue	Revenue	EPEC	\$/kWh
54	Delivery	-----	-----	-----	-----	-----	-----
55	Class	(E)	(F)	(G)	(H)	(J)	(K)
56				=(A)x(F)	=(G) by Class	=(H)/(D)	=(H)/(A kWh)
57	<b>WH</b>						
58	CC		\$7.50	\$8,568,287			
59	SMSC		\$2.49	\$2,844,671			
60	DFC (kWh)		\$0.02309	\$11,409,338			
61	IEDT (kWh)		\$0.00120	\$592,950			
62	Total				\$23,415,246	100.0%	\$0.0474
63							
64	<b>SL</b>						
65	CC	\$0.40	\$10.79	\$31,851,442			
66	SMSC		\$8.79	\$25,947,560			
67	SV DFC (kW)	1.022	\$4.85	\$190,116,105			
68	PV DFC (kW)	1.022	\$2.14	\$81,401			
69	PV TRC (kW)		\$0.90	\$13,351			
70	IEDT (kWh)		\$0.00120	\$13,806,983			
71	Total				\$261,816,842	102.0%	\$0.0228
72							
73	<b>ML</b>						
74	CC	\$0.76	\$14.00	\$2,928,501			
75	SMSC		\$19.03	\$3,980,669			
76	SV DFC (kW)	1.022	\$4.91	\$138,480,894			
77	PV DFC (kW)	1.022	\$2.77	\$1,180,195			
78	PV TRC (kW)		\$0.14	\$43,566			
79	IEDT (kWh)		\$0.00120	\$12,594,094			
80	Total				\$159,207,919	102.0%	\$0.0152
81							
82	<b>LL</b>						
83	CC	\$3.50	\$67.85	\$3,438,494			
84	SMSC		\$20.26	\$1,026,734			
85	SV DFC (kW)	1.022	\$5.19	\$114,740,188			
86	PV DFC (kW)	1.022	\$3.58	\$2,832,979			
87	PV TRC (kW)		\$0.19	\$90,782			
88	IEDT (kWh)		\$0.00120	\$11,614,538			
89	Total				\$133,743,715	102.0%	\$0.0138
90							
91	<b>VLL</b>						
92	CC	\$10.02	\$603.48	\$13,630,199			
93	SMSC		\$20.33	\$459,173			
94	SV DFC (kW)	1.022	\$5.22	\$158,871,968			
95	PV DFC (kW)	1.022	\$3.96	\$36,479,354			
96	PV TRC (kW)		\$0.20	\$1,164,720			
97	IEDT (kWh)		\$0.00120	\$21,938,113			
98	Total				\$232,543,527	102.0%	\$0.0127

	A	B	C	D	E	F	G
1			EMBEDDED COST OF SERVICE INFORMATION: TAB N2				
2		Annual		Total			
3		Billing	Embedded	Embedded	EPEC		
4	<b>Nonresidential</b>	Units	Costs	Costs	Revenue		
5	Delivery	-----	-----	-----	-----		
6	Class	(A)	(B)	(C)	(D)		
7				=(B) by Class	=(C) x NRR/EC		
8	<b>ELL</b>						
9	Customer	609	\$648,090				
10	Meter	609	\$30,031				
11	SV Dist	3,538,281	\$19,539,252				
12	PV Dist	4,253,165	\$18,948,606				
13	PV Tr	2,858,456	\$595,384				
14	IEDT	3,984,941,324	\$4,765,443				
15	Total			\$44,526,806	\$44,526,806		
16							
17	<b>HV</b>						
18	Customer	890	\$370,952				
19	Meter	890	\$33,561				
20	SV Dist	60,373	\$208,054				
21	PV Dist	175,971	\$724,815				
22	HV Dist ≤ 10 MW	487,341	\$112,316				
23	HV Dist > 10 MW	8,508,344	\$1,703,879				
24	PV TR	49,251	\$14,016				
25	HV Tr ≤ 10 MW	245,887	\$832,605				
26	HV Tr > 10 MW	6,791,999	\$5,349,904				
27	IEDT	5,513,991,293	\$6,593,822				
28	Total			\$15,943,924	\$15,943,924		
29							
30	<b>RR</b>						
31	Customer	24	\$105,902				
32	Meter	24	\$2,374				
33	Dist	1,356,618	\$4,404,879				
34	IEDT	512,255,239	\$612,592				
35	Total			\$5,125,747	\$5,125,747		
36							
37	Total						
38	Nonresidential			\$860,731,306	\$860,731,308		
39	Bills	4,378,345					
40	kWh	60,466,753,283					
41	Customer Costs		\$62,272,239				
42	Meter Costs		\$34,334,500				
43	Distribution Costs		\$691,741,907				
44	IEDT Costs		\$72,382,660				

	A	B	C	D	E	F	G
45							
46	DELIVERY SERVICE CHARGES COMPUTATION: TAB N2						
47			Unit		Total	As a % of	Overall
48	<b>Nonresidential</b>	Adj	Charges	Revenue	Revenue	EPEC	\$/kWh
49	Delivery	-----	-----	-----	-----	-----	-----
50	Class	(E)	(F)	(G)	(H)	(J)	(K)
51				=(A)x(F)	=(G) by Class	=(H)/(D)	=(H)/(A kWh)
52	<b>ELL</b>						
53	CC	\$0.14	\$1,064.33	\$648,177			
54	SMSC		\$49.31	\$30,030			
55	SV DFC (kW)	0.6401	\$3.53	\$12,490,132			
56	PV DFC (kW)	0.7115	\$3.17	\$13,482,533			
57	PV TRC (kW)		\$0.21	\$600,276			
58	IEDT (kWh)		\$0.00120	\$4,781,930		OK	
59	Total	1.0044			\$32,033,078	71.9%	0.008
60						71.9%	
61	<b>HV</b>						
62	CC	\$46.00	\$462.80	\$411,892			
63	SMSC		\$37.71	\$33,562			
64	SV DFC (kW)		\$3.45	\$208,287			
65	PV DFC (kW)		\$4.12	\$725,001			
66	HV DFC ≤ 10 MW (kW)		\$0.23	\$112,088			
67	HV DFC > 10 MW (kW)		\$0.20	\$1,701,669			
68	PV TRC (kW)		\$0.28	\$13,790			
69	HV TRC ≤ 10 MW (kW)	0.7123	\$2.41	\$592,588			
70	HV TRC > 10 MW (kW)	0.603	\$0.47	\$3,192,240			
71	IEDT (kWh)		\$0.00120	\$6,616,790		OK	
72	Total	0.9416			\$13,607,907	85.3%	0.0025
73						85.3%	
74	<b>RR</b>						
75	CC	\$100.12	\$4,512.70	\$108,305			
76	SMSC		\$98.92	\$2,374			
77	DFC (kW)	0.8269	\$2.68	\$3,635,736			
78	IEDT (kWh)		\$0.00120	\$614,706		OK	
79	Total	0.9988			\$4,361,121	85.1%	0.0085
80						85.1%	
81							
82							
83	Total Nonresidential				\$860,729,355	100.0%	0.0142

	A	B	C	D	E	F	G
1			EMBEDDED COST OF SERVICE INFORMATION: TAB L				
2		Annual		Total			
3		Billing	Embedded	Embedded	EPEC		
4	<b>Lighting</b>	Units	Costs	Costs	Revenue	Allocator	
5	Delivery	-----	-----	-----	-----	-----	
6	Class	(A)	(B)	(C)	(D)	(E)	
7				=(B) by Class	=(C) x NRR/EC		
8	<b>FIL</b>						
9	Customer		\$653,275				
10	Dist		\$12,047,319				
11	IEDT	158,238,295	\$189,233				
12	Municipal						
13	MV-100 W	237,984				3.20%	
14	MV-175 W	603,042				8.20%	
15	MV-250 W	98,575				1.44%	
16	MV-400 W	108,491				1.86%	
17	HPS-70 W	17,087				0.26%	
18	HPS-100 W	234,938				3.78%	
19	HPS-150 W	264,795				4.23%	
20	HPS-250 W	165,025				3.05%	
21	HPS-400 W	28,202				0.58%	
22	HPS-1,000 W	1,724				0.10%	
23	Bracket ≤ 8 feet	909,749				28.35%	
24	Bracket > 8 feet	634,703				28.24%	
25	Lum Post Top	61,531				1.92%	
26	Lum Acorn	14,711				0.76%	
27	Private						
28	MV-175 W	117,851				4.54%	
29	MV-400 W	44,327				2.00%	
30	HPSF-100 W	26,001				1.08%	
31	HPSF-250 W	125,281				5.58%	
32	HPSC-100 W	5,610				0.24%	
33	HPSC-150 W	13,149				0.58%	
34	Total			\$12,889,827	\$12,889,827		
35							
36	<b>DDL</b>						
37	Customer		\$608,733				
38	Meter	560,987,788	\$394,203				
39	Dist	560,987,788	\$1,856,998				
40	IEDT	560,987,788	\$670,860				
41	Total			\$3,530,794	\$3,530,794		
42							
43	<b>GL</b>						
44	Customer		\$127,885				
45	Meter	65,415,705	\$36,305				
46	Dist	65,415,705	\$544,149				
47	IEDT	65,415,705	\$78,228				
48	Total			\$786,567	\$786,567		
49							
50	Total Lighting	784,641,788		\$17,207,188	\$17,207,188		
51	Customer Costs		\$1,389,893				
52	Meter Costs		\$430,508				
53	Distribution Costs		\$14,448,466				
54	IEDT Costs		\$938,321				

	A	B	C	D	E	F	G
55				EC			
56	Total Company	88,974,197,427		\$2,023,271,996	\$2,023,272,000		
57	Customer Costs		\$378,730,698				
58	Meter Costs		\$156,678,166				
59	Distribution Costs		\$1,380,900,251				
60	IEDT Costs		\$106,962,881				



	A	B	C	D	E	F	G
61							
62		DELIVERY SERVICE CHARGES COMPUTATION: TAB L					
63	<b>Lighting</b>		Unit		Total	As a % of	Overall
64	Delivery	Adj	Charges	Revenue	Revenue	EPEC	\$/kWh
65	Class	=====	=====	=====	=====	=====	=====
66		(F)	(G)	(H)	(J)	(K)	(L)
67	<b>FIL</b>			=(A)x(G)	=(H) by Class	=(J)/(D)	=(J)/(A kWh)
68	Municipal (Fix)						
69	MV-100 W		\$1.71	\$406,953			
70	MV-175 W		\$1.73	\$1,043,263			
71	MV-250 W		\$1.86	\$183,350			
72	MV-400 W		\$2.18	\$236,510			
73	HPS-70 W		\$1.93	\$32,978			
74	HPS-100 W		\$2.04	\$479,274			
75	HPS-150 W		\$2.03	\$537,534			
76	HPS-250 W		\$2.35	\$387,809			
77	HPS-400 W		\$2.61	\$73,607			
78	HPS-1,000 W		\$7.37	\$12,706			
79	Bracket ≤ 8 feet		\$3.96	\$3,602,606			
80	Bracket > 8 feet		\$5.65	\$3,586,072			
81	Lum Post Top		\$3.96	\$243,663			
82	Lum Acorn		\$6.56	\$96,504			
83	Private (Fix)						
84	MV-175 W		\$4.89	\$576,291			
85	MV-400 W		\$5.73	\$253,994			
86	HPSF-100 W		\$5.28	\$137,285			
87	HPSF-250 W		\$5.66	\$709,090			
88	HPSC-100 W		\$5.43	\$30,462			
89	HPSC-150 W		\$5.60	\$73,634			
90	IEDT (kWh)		\$0.00120	\$189,886			
91	Total				\$12,893,471	100.0%	\$0.0815
92							
93	<b>DDL</b>						
94	SMSC		\$0.00070	\$392,691			
95	DFC (kWh)	(\$0.00001)	\$0.00439	\$2,462,736			
96	IEDT (kWh)		\$0.00120	\$673,185			
97	Total				\$3,528,612	99.9%	\$0.0063
98							
99	<b>GL</b>						
100	SMSC		\$0.00055	\$35,979			
101	DFC (kWh)		\$0.01027	\$671,819			
102	IEDT (kWh)		\$0.00120	\$78,499			
103	Total				\$786,297	100.0%	\$0.0120
104							
105	Total Lighting				\$17,208,380	100.0%	\$0.0219
106							
107	Total						
108	Company				\$2,023,272,000	100.0%	\$0.0227
109					\$2,023,272,000	NRR	
110					\$0		
111					OK		